

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	941	(@ad<"20031231") and (liquid adj crystal) and (((pixel near array) and (semiconductor or silicon or gaas or gallium or "si"))) same substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 21:21
L2	43	(@ad<"20031231") and (liquid adj crystal) and (((pixel near array) and (semiconductor or silicon or gaas or gallium or "si"))) near substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 19:58
L3	164	(@ad<"20031231") and ((expansion or cte) near (glass and ceramic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 20:01
L4	0	(@ad<"20031231") and (expansion or cte) and (ppm near (glass and ceramic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 20:03
L5	0	(@ad<"20031231") and (ppm near (glass and ceramic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 20:02
L6	356	(@ad<"20031231") and (ppm with (glass and ceramic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 20:02
L7	273	L6 and (expansion or cte)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 20:03
L8	227	L6 and ((expansion or cte) with ppm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 20:18

## EAST Search History

L9	1	("6081305").PN.	USPAT; USOCR	OR	OFF	2006/08/20 20:18
L10	1	("6187605").PN.	USPAT; USOCR	OR	OFF	2006/08/20 20:18
L11	1412	(@ad<"20031231") and (liquid adj crystal) and (pixel near array) and ((semiconductor or silicon or gaas or gallium or "si") with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 21:22
L12	1818	(@ad<"20031231") and (liquid adj crystal) and (pixel near array) and ((semiconductor or silicon or gaas or gallium or "si") with (interpser or substrate or layer or film or sheet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 21:45
L13	174	L12 and ((substrate or carrier or board or pwb or pcb or base) with (recess or cavity or groove))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 21:23
L14	1	"4836651".PN.	USPAT; USOCR	OR	OFF	2006/08/20 21:40
L15	45	L12 and (heat adj (sink or spreader))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/20 21:45